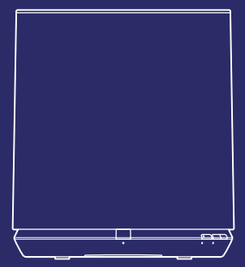
SONY

Network Speaker
SA-NS400

Preparations for listening to music via your home network



©2011 Sony Corporation Printed in China

4-265-306-**12**(1)

* 4 2 6 5 3 0 6 1 2 * (1)

Using this network speaker on your home network

To enjoy this speaker connected to a network, set up the speaker as shown below.

STEP 1 **Connecting the speaker (network settings)**

This section explains the network settings method that requires using the supplied CD-ROM.

STEP 2 **Setting up your computer as a server**

This section explains how to set up the Windows Media Player as a server (device where stored audio content) to connect this speaker to your home network.
When you want to use a server other than Windows Media Player 12 of Windows 7 or Windows Media Player 11 of Windows Vista/Windows XP as your server, access the web site written on the back side of this flyer.

STEP 3 **Listening to audio content stored on a server**

About network set-up

Wireless networks

Set up the network referring to step 1 in this flyer.

WPS compliant wireless networks

Refer to "Setting Up Wireless Networks Using an Access Point Compliant with WPS" in the supplied operating instructions.

Tip

- You can also set up a WPS compliant wireless network referring to step 1 in this flyer.

Wired networks

Refer to the supplied operating instructions.

Tip

- Problems such as sound interruption may occur, depending on the environment of your wireless network.
  You can solve these problems by using a wired network.

If you have trouble setting up your network

- Refer to "Troubleshooting" in the supplied operating instructions.
- Access the following customer support site.

http://www.sony.net/audio/netsettings

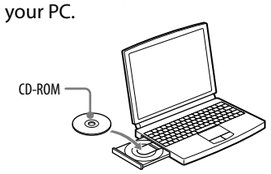
STEP 1 Connecting the speaker (network settings)

Your Windows PC must be connected to a wireless LAN router/access point in advance.
You will be required to select or enter the following information when you make the network settings.
Check the following information in advance and record them in the space provided below.

Network name (SSID)*	
Security Key (WEP, WPA/WPA2 key)*	

* This information should be available from a label on your wireless LAN router/access point, from the operating manual, from the person who set up your wireless network, or from the information provided by your Internet service provider.

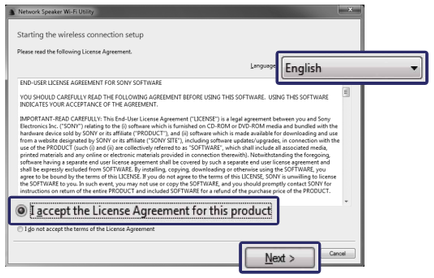
1 Insert the supplied CD-ROM into the CD-ROM drive of your PC.



Note

- If the "Starting the wireless connection setup" screen does not appear automatically, display the screen following the on-screen instructions.

2 Select the desired language, select [I accept the license agreements for this product] after reading the software license agreement carefully, then click [Next].


Network Speaker Wi-Fi Utility
Starting the wireless connection setup
Please read the following License Agreement.
Language:
English
END-USER LICENSE AGREEMENT FOR SONY SOFTWARE
YOU SHOULD CAREFULLY READ THE FOLLOWING AGREEMENT BEFORE USING THIS SOFTWARE. USING THIS SOFTWARE INDICATES YOUR ACCEPTANCE OF THE AGREEMENT.
IMPORTANT-READ CAREFULLY: This End-User License Agreement ("LICENSE") is a legal agreement between you and Sony Electronics Inc. ("SONY") relating to the (i) software which is furnished on CD-ROM or DVD-ROM media and bundled with the hardware device sold by SONY or its affiliate ("PRODUCT"), and (ii) software which is made available for downloading and use from a website designated by SONY or its affiliate ("SONY SITE"), including software updates/upgrades, in connection with the use of the PRODUCT (such (i) and (ii) are collectively referred to as "SOFTWARE", which shall include all associated media, printed materials and any online or electronic materials provided in connection therewith). Notwithstanding the foregoing, software having a separate end user license agreement shall be covered by such a separate end user license agreement and shall be expressly excluded from SOFTWARE. By installing, copying, downloading or otherwise using the SOFTWARE, you agree to be bound by the terms of this LICENSE. If you do not agree to the terms of this LICENSE, SONY is unwilling to license the SOFTWARE to you. In such event, you may not use or copy the SOFTWARE, and you should promptly contact SONY for instructions on return of the entire PRODUCT and included SOFTWARE for a refund of the purchase price of the PRODUCT.
I accept the License Agreement for this product
I do not accept the terms of the License Agreement
Next >
Cancel

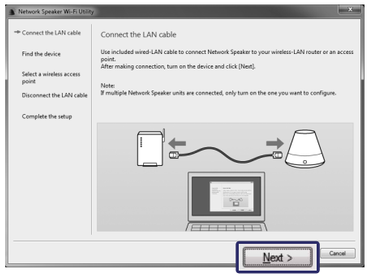
Note

- If you have not made the Windows firewall settings, make the UPnP settings following the on-screen instructions.

3 Connect the speaker and the wireless LAN router/access point using the supplied LAN cable following the on-screen instructions, then turn on the speaker.

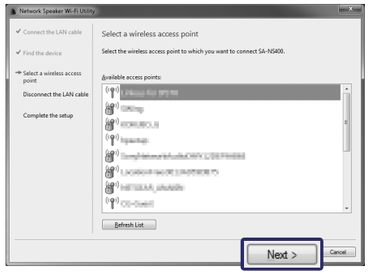
Connect a LAN cable to LAN port.

4 Click [Next].


Network Speaker Wi-Fi Utility
Connect the LAN cable
Find the device
Select a wireless access point
Disconnect the LAN cable
Complete the setup
Connect the LAN cable
Use included wired-LAN cable to connect Network Speaker to your wireless-LAN router or an access point.
After making connection, turn on the device and click [Next].
Note:
If multiple Network Speaker units are connected, only turn on the one you want to configure.
Next >
Cancel

The access point list appears. This may take a while.

5 Select the desired access point, then click [Next].


Network Speaker Wi-Fi Utility
Connect the LAN cable
Find the device
Select a wireless access point
Disconnect the LAN cable
Complete the setup
Select a wireless access point
Select the wireless access point to which you want to connect SA-NS400.
Available access points:
Refresh List
Next >
Cancel

The security key (WEP, WPA/WPA2 key) input screen appears.

Note

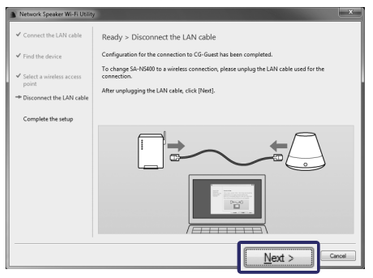
- The security key (WEP, WPA/WPA2 key) input screen does not appear when you select an unencrypted access point.

6 Enter the security key (WEP, WPA/WPA2 key), then click [OK].

Enter the security key.
Note:
A security key is a keyword to connect to wireless access points securely.
It may be called "WEP key" or "WPA key" depending on the security method for your connecting wireless access point.
OK
Cancel

The speaker starts to attempt a connection to the selected access point. This may take a while.

7 Disconnect the supplied LAN cable, then click [Next].


Network Speaker Wi-Fi Utility
Connect the LAN cable
Find the device
Select a wireless access point
Disconnect the LAN cable
Complete the setup
Ready > Disconnect the LAN cable
Configuration for the connection to CG-Guest has been completed.
To change SA-NS400 to a wireless connection, please unplug the LAN cable used for the connection.
After unplugging the LAN cable, click [Next].
Next >
Cancel

The LINK indicator lights up in green when the connection is made.
The network settings for the speaker have been completed.
Refer to steps 8 and 9, or the back side of this flyer for instructions on how to set up the DLNA settings.

8 Click [Open the procedure for DLNA settings].

Network Speaker Wi-Fi Utility
Connect the LAN cable
Find the device
Select a wireless access point
Disconnect the LAN cable
Complete the setup
Wireless configuration has been completed
Next, change settings for playing contents on SA-NS400.
Click [Open the procedure for DLNA settings] to display the procedure, and follow the steps to configure the DLNA settings.
DLNA setting procedure
Note:
It may take awhile before SA-NS400 becomes available.
Open the procedure for DLNA settings

The web site opens.

9 Configure the environment required to use your DLNA-compliant devices referring to the web site, or after reading the instructions on the back side of this flyer.

Windows XP | Windows Vista

STEP 2 Setting up your computer as a server

Steps are different depending on your PC. Perform steps 2 and 3 after checking your version OS.

This section explains how to set up Windows Media Player 11 installed on Windows Vista/Windows XP*.

* Windows Media Player 11 is not manufacturer-installed on Windows XP. Access the Microsoft web site, download the installer, and then install Windows Media Player 11 on your PC.

Tip

- For details on the use of Windows Media Player 11, refer to Windows Media Player 11 Help.

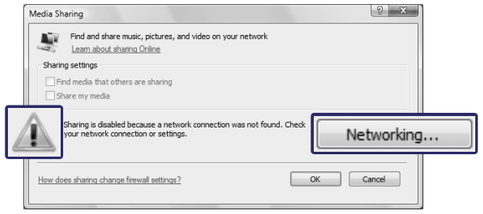
1 Go to [Start] - [All Programs] and select [Windows Media Player].

Windows Media Player 11 starts up.

2 Select [Media Sharing...] from the [Library] menu.

If you are using Windows XP, go to step ⑧.

3 When ⚠ is displayed, select [Networking...].

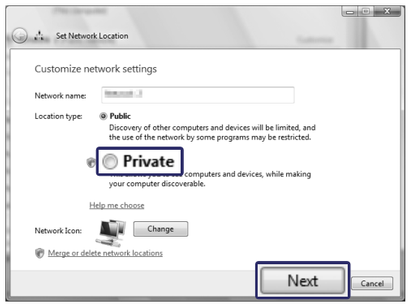

Media Sharing
Find and share music, pictures, and video on your network
Learn about sharing Online
Sharing settings
Find media that others are sharing
Share my media
Sharing is disabled because a network connection was not found. Check your network connection or settings.
Networking...
How does sharing change firewall settings?
OK
Cancel

The [Network and Sharing Center] window appears.

4 Select [Customize].

The [Set Network Location] window appears.

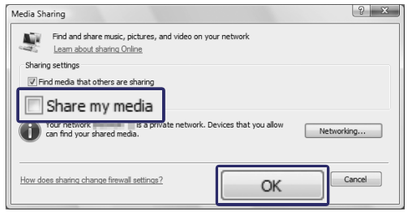
5 Add a check next to [Private] and select [Next].



6 Confirm that the [Location type] has been changed to [Private] and select [Close].

7 Confirm that [(Private network)] is displayed in the [Network and Sharing Center] window and close the window.

8 If a check is not added next to [Share my media] in the [Media Sharing] window that is displayed in step ②, add a check next to [Share my media], then select [OK].



A list of connectable devices is displayed.

9 Select [Settings...] that appears beside [Share my media to:].

10 Add a check next to [Allow new devices and computers automatically] and select [OK].

Note

- Uncheck this item after you confirm that the speaker can connect to the PC and play audio data on the PC.

STEP 3 Playing back audio content on a server at random

Tip

- This function allows you to play back audio content at random on the server which is recognized first. Turn off the server other than Windows Vista/Windows XP in advance.

1 Press INPUT on the remote to select home network input.

You can also use the AUDIO IN button on the speaker.

2 Press ▶ on the remote.

Audio content is played back only at random on the server which is recognized first.

When sound is not output from this speaker

- Make sure the volume level of this speaker is not set to the minimum level.
- Changes in the settings of the security software may be needed. Access the following customer support site.

http://www.sony.net/audio/netsettings

Windows 7

STEP 2 Setting up your computer as a server

Steps are different depending on your PC. Perform steps 2 and 3 after checking your version OS.

This section explains how to set up manufacturer-installed version of Windows Media Player 12 for Windows 7.

Tip

- For details on the use of Windows Media Player 12, refer to Windows Media Player 12 Help.

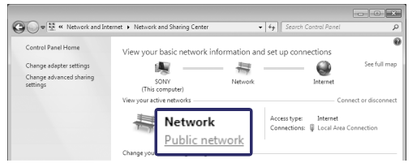
1 Go to [Start] - [Control Panel] and select [View network status and tasks] under [Network and Internet].

The [Network and Sharing Center] window appears.

Tip

- If the desired item does not appear in the display, try to change the display type used by the Control Panel.

2 Select [Public network] under [View your active networks]. If the display shows other than [Public network], go to step ⑤.



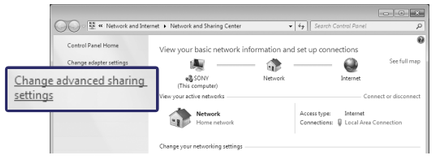
The [Set Network Location] window appears.

3 Select [Home network] or [Work network] according to the environment in which the speaker is used.

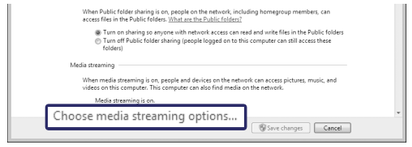
4 Follow the instructions that appear on the display according to the environment in which the speaker is being used.

When the change is completed, confirm that the item under [View your active networks] has been changed to [Home network] or [Work network] in the [Network and Sharing Center] window.

5 Select [Change advanced sharing settings].



6 Select [Choose media streaming options...] from [Media streaming].


When Public folder sharing is on, people on the network, including homegroup members, can access files in the Public folders (What are the Public folders)
Turn on sharing so anyone with network access can read and write files in the Public folders
Turn off Public folder sharing (people logged on to this computer can still access these folders)
Media streaming
When media streaming is on, people and devices on the network can access pictures, music, and videos on this computer. This computer can also find media on the network.
Media streaming is on.
Choose media streaming options...
Save changes
Cancel

7 If [Media streaming is not turned on] appears in the Media streaming options window, select [Turn on media streaming].

8 Select [Allow All].

Network and Sharing Center ▸ Media streaming options
Search Control Panel
Choose media streaming options for computers and devices
Name your media library: TEST
Choose default settings...
Show devices on: Local network
Allow All
Block All
Media programs on this PC and remote connections:
Allowed access using default settings.

The [Allow all media devices] window opens. If all the devices in the local network are [Allowed] to access your network, select [OK] and close the window.

9 Select [Allow all computers and media devices].

10 Select [OK] to close the window.

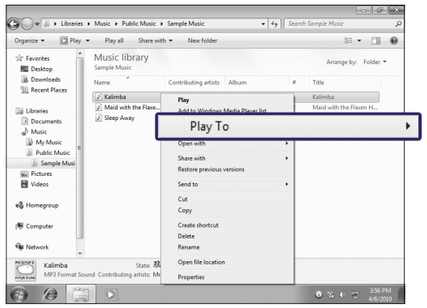
STEP 3 Listening to audio content stored on a server

1 Start [Windows Media Player] of Windows 7.

2 Turn on media streaming.

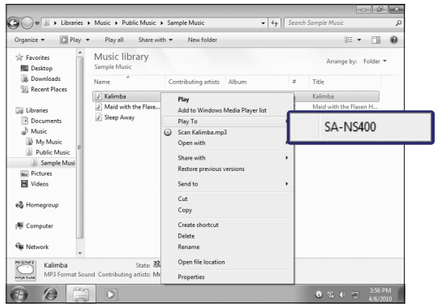
3 Select the desired audio content, then click the right mouse button.

4 Select [Play To] from the menu.



The device list appears.

5 Select [SA-NS400].



The audio content is played back from this speaker.

When sound is not output from this speaker

- Make sure the volume level of this speaker is not set to the minimum level.
- Changes in the settings of the security software may be needed. Access the following customer support site.

http://www.sony.net/audio/netsettings